

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	FAST SETTLING POWER AMPLIFIER REGULATOR
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Application Number : 10/814617



Confirmation Number: 5440

First Named Applicant: Ryan Bocock

Attorney Docket Number: SIL.P0080

Art Unit: 2817

Examiner: KHANH V NGUYEN

Search string: (5973368 or 6133793 or 6016075 or 4590436 or 6384540 or 6362606 or 6392488 or 6462620 or 6448847 or 6236271 or 6075995 or 6549071 or 5646578 or 6069528 or 6203516 or 4021751 or 6492872 or 5635872 or 5834978 or 6008698 or 6047168 or 6407639 or 6464511 or 3900823 or 4165493 or 6265939 or 6677821 or 5497125 or 5789984 or 6614309 or 6566944 or 6653902 or 6828859 or 20020044018).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
NW	1	5973368	1999-10-26	Pearce et al.		—	—
	2	6133793	2000-10-17	Lau et al.			
	3	6016075	2000-01-18	Hamo			
	4	4590436	1986-05-20	Butler et al.			
	5	6384540	2002-05-07	Porter Jr. et al.			
	6	6362606	2002-03-26	Dupuis et al.			
	7	6392488	2002-05-21	Dupuis et al.			
	8	6462620	2002-10-08	Dupuis et al.			
	9	6448847	2002-09-10	Dupuis et al.			
	10	6236271	2001-05-22	Vakilian			
	11	6075995	2000-06-13	Jensen			
	12	6549071	2003-04-15	Paul et al.			
	13	5646578	1997-07-08	Loh et al.			
	14	6069528	2000-05-30	Kashima			
	15	6203516	2001-03-20	Kepley			
	16	4021751	1977-05-03	Suzuki			
	17	6492872	2002-12-10	Fujioka et al.			
↓	18	5635872	1997-06-03	Zimmerman			
	19	5834978	1998-11-10	Cho			
NW	20	6008698	1999-12-28	Dacus et al.		—	—

NW	21	6047168	2000-04-04	Carlsson			
	22	6407639	2002-06-18	Jean et al.			
	23	6464511	2003-11-11	Canyon et al.			
	24	3900823	1975-08-19	Sokal et al.			
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	27	6677821	2004-01-13	Kusunoki et al.			
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	29	5789984	1998-08-04	Davis et al.			
	30	6614309	2003-09-02	Pehlke			
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	32	6653902	2003-11-25	Bachhuber et al.			
NW	33	6828859	2004-12-07	Dupuis et al.			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
NW	1	20020044018	2002-04-18	Dupuis et al.			

Remarks

Note: Remarks are not for responding to an office action.

Applicants also note that two other IDS' (1 electronic, 1 paper) are being filed on the same day as this IDS. In the other electronic IDS, an IDS fee is included.

Signature

Examiner Name	Date
NAVYEN, KV	10/25/06

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

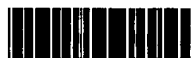
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Title of Invention

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Search string: (4772856 or 5023566 or 5118997 or 5274341 or 5327337 or 5612647 or 5623231 or 5867061 or 5880635 or 5942946 or 5955926 or 5969582 or 5974041 or 6137273 or 5291123 or 4893030 or 4808907 or 6167134 or 6181207 or 5648743 or 5343162 or 4857865 or 5450036 or 5420537 or 5625205 or 5726603 or 6198347 or 6232634 or 6208549 or 6222788 or 6147511 or 5986500 or 4649467 or 5742205 or 5477188 or 6011438 or 6157258 or 4075574 or 4604532 or 4990803 or 5298811 or 5345185 or 5434537 or 6047167 or 5831331 or 6274937 or 6319829 or 6208875 or 5604383 or 6323735).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>mn</i>	1	4772856	1988-09-20	Nojima et al.			
	2	5023566	1991-06-11	El-Hamamsy et al.			
	3	5118997	1992-06-02	El-Hamamsy et al.			
	4	5274341	1993-12-28	Sekine et al.			
	5	5327337	1994-07-05	Cripe			
	6	5612647	1997-03-18	Malec			
	7	5623231	1997-04-22	Mohwinkel et al.			
	8	5867061	1999-02-02	Rabjohn et al.			
	9	5880635	1999-03-09	Satoh			
	10	5942946	1999-08-24	Su et al.			
	11	5955926	1999-09-21	Uda et al.			
	12	5969582	1999-10-19	Boesch et al.			
	13	5974041	1999-10-26	Kornfeld et al.			
<i>mn</i>	14	6137273	2000-10-24	Bales et al.			
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<i>mn</i>	16	4893030	1990-01-09	Shearer et al.			

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25	5625205	1997-08-29	Kusama			
26	5726603	1998-03-10	Chawla et al.			
27	6198347	2001-03-06	Sander et al.			
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29	6208549	2001-03-27	Rao et al.			
30	6222788	2001-04-24	Forbes et al.			
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33	4649467	1987-03-10	Vesce et al.			
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35	5477188	1995-12-19	Chawla et al.			
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37	6157258	2000-12-05	Adishian et al.			
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39	4604532	1986-04-05	Gilbert			
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41	5298811	1994-03-29	Gilbert			
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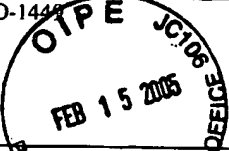
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Signature

Examiner Name	Date
NGUYEN, KJ	10/15/06

FORM PTO-1449 	ATTY. DOCKET NO.	SIL.P0080	SERIAL NO.	10/814,617
	APPLICANT	Bocock et al.		
	FILING DATE	3/31/2004	GROUP	2838

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
NW	WO 00/16492	03/23/00	Macnally et al.				
	WO 98/37627	08/27/98	Ledenev et al.				
	EO 399561	11/28/90	Clanahan et al.				
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NW	Sokal, N. O. and Sokal, A. D., "Class E - A new class of high-efficiency tuned single ended switching power amplifiers," IEEE Journal of Solid State Circuits, vol. SC-10, No. 3, June 1975, pp. 168-176.
	Makihara, Chihiro et al., "The Possibility of High Frequency Functional Ceramics Substrate", International Smposium on Multilayer Electronic Ceramic Devices, 5/5/98 in Cincinnati, Ohio.
	Huang et al., "A BiCMOS /Automatic Gain Control Amplifier for SONET OC-3", Proceeding of the IEEE Custom IC Conference, May 1-4, 1995, pp 103-106.
NW	Webster, "Websters Ninth New Collegiate Dictionary", Merriam-Webster, 1991, page 971.

EXAMINER	NGUYEN, KJ	DATE CONSIDERED	10/25/02
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FORM PTO-101 RECEIVED FEB 15 2005 JCI08 PATENT MARK OFFICE	ATTY. DOCKET NO.	SIL.P0080	SERIAL NO.	10/814,617
	APPLICANT	Bocock et al.		
	FILING DATE	3/31/2004	GROUP	2838

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLAS	TRANSLATION	
						YES	NO
Nm	JP 63-7011	01/12/98	Kashiai et al.				

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NW		Toffolo et al., "Development of a CMOS switched capacitor instrumentation amplifier", IEEE Colloquium on ASICS, April 10, 1992 pp 2/1.
↓		G. Trauth V. Vanhuffel J. Trichet, "AN ADVANCED CONTROLLER FOR MULTI-BAND OPEN LOOP POWER CONTROL MODE RF POWER AMPLIFIER", Microwave Engineering, July 2002, pages 39-40.
↓		RF Micro Devices, Inc., RF3110 TRIPLE-BAND GSM/DCS/PCS POWER AMP MODULE Data Sheet, pages 2-401 - 2-412.
NW		Berglund, "A Note on Power-Law Devices and Their Effect on Signal-to-Noise Ratio", IEEE Transactions on Information Theory, Vol. 10, Issue 1, Jan. 1964, p.p. 52-57.

EXAMINER	NGUYEN, K/V	DATE CONSIDERED	10/25/06
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